

Title (en)

COMPOSITIONS AND METHODS FOR THE SIMULTANEOUS GENOMIC, TRANSCRIPTOMIC AND PROTEOMIC ANALYSIS OF SINGLE CELLS

Title (de)

ZUSAMMENSETZUNGEN UND VERFAHREN ZUR GLEICHZEITIGEN GENOMISCHEN, TRANSKRIPTOMISCHEN UND PROTEOMISCHEN ANALYSE VON EINZELZELLEN

Title (fr)

COMPOSITIONS ET PROCÉDÉS POUR L'ANALYSE GÉNOMIQUE, INTRADERMIQUE ET PROTÉOMIQUE SIMULTANÉE DE CELLULES UNIQUES

Publication

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Application

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Abstract (en)

Disclosed are compositions and methods for the multiplexed analysis of one or more intracellular targets of a single cell. Exemplary compositions of the disclosure comprise a surface comprising a plurality of capture agents operatively-linked thereto, wherein each capture agent specifically binds to a distinct intracellular target and wherein the plurality of capture agents form a repeating pattern; a substrate comprising a plurality of chambers, wherein the substrate releasably couples with the surface and wherein each chamber of the plurality of chambers comprises at least one repeat of the repeating pattern of the plurality of capture agents of the surface; a coating composition comprising a cell lysis composition; and a linker composition comprising a functionalization component and an extension component.

IPC 8 full level

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